Standard Occupation Classification (SOC)*   Employment   2004   2014   Number   Percent   Growth   Separations   Total   10-000   Total, All Occupations   2.583,580   3.315,985   732,415   28.3%   732,42   61,689   134,931   11-000   Management Occupations   147,519   187,995   40,76   27.4%   40,48   2,756   6,804   11-1001   Top Executives   37,185   48,555   41,369   30,6%   11,37   697   1,834   11-1011   Chief Executives   9,469   12,216   2,747   29.0%   275   179   454   11-1021   General and Operations Managers   26,869   35,544   6,575   31,8%   858   509   1,875   11-200   Advertising, Marketing, Promotions, Public Relations, and Salas Managers   13,256   17,516   4,260   32,1%   426   243   669   11-2011   Advertising and Promotions Managers   3,584   4,602   1,18   28.4%   102   66   168   11-2021   Marketing Managers   3,584   4,602   1,18   28.4%   102   66   168   11-2021   Marketing Managers   3,584   4,602   1,18   28.4%   102   66   168   11-2021   Marketing Managers   3,584   4,602   1,18   28.4%   102   66   168   11-2021   Marketing Managers   3,584   4,602   1,18   28.4%   102   66   168   11-2021   Marketing Managers   3,584   4,602   1,18   28.4%   102   66   168   11-2021   Marketing Managers   26,609   33,754   7,145   29,9%   715   458   1,173   11-3011   Administrative Services Managers   4,719   6,099   1,380   29.2%   138   92   230   130
Decode   SOC Title   Setimated   Projected   Number   Percent   Growth   Separations   Total
Document   Total, All Occupations   2,583,580   3,315,995   732,415   28.3%   73,242   61,689   134,931
1-1-000         Management Occupations         147,519         187,985         40,476         27,4%         4,048         2,766         6,804           11-1001         Ope Executives         37,185         48,554         11,369         30,6%         1,137         697         1,834           11-1011         Chief Executives         29,096         35,544         8,575         31.8%         858         509         1,367           11-1031         Elegislators         747         747         42,67         6.3%         55         10         156           11-201         Advertising, Marketing, Promotions, Public Relations, and         1         227         42,9%         21         15         68           11-2014         Advertising, Marketing, Promotions, Public Relations, and         1         207         24,9%         21         15         68           11-2014         Marketing, Managers         830         1,037         207         24,9%         21         15         426           11-2014         Marketing Managers         897         1,146         249         27.8%         25         16         68           11-2015         Public Relations Managers         897         1,146         249         27
1-1-1000         Top Executives         37,185         48,554         11,369         30,6%         1,137         697         1,834           11-1011         General and Operations Managers         26,969         35,544         8,675         31,8%         858         509         1,367           11-1021         General and Operations Managers         26,969         35,544         8,675         31,8%         858         509         1,367           11-201         Advertising, Marketing, Promotions, Public Relations, and         32,77         24         426         243         669           11-2011         Advertising and Promotions Managers         830         1,037         207         24,9%         21         15         36           11-2012         Marketing Managers         3,584         4,602         1,018         28,4%         102         66         16           11-2021         Sales Managers         7,945         10,731         2,786         35.1%         279         147         426           11-2021         Barcelaties Managers         887         1,146         249         27.8%         25         16         41           11-3001         Operations Specialties Managers         4,719         6,09         <
11-11011         Chief Executives         9,469         12,216         2,747         29.0%         275         179         454           11-1021         General and Operations Managers         26,969         35,144         8,575         31.8%         588         509         1,367           11-2010         Advertising, Marketting, Promotions, Public Relations, and Sales Managers         13,256         17,516         4,260         32.1%         426         243         669           11-2011         Advertising, Marketting, Promotions, Public Relations, and Advertising and Promotions Managers         330         1,037         207         24.9%         21         15         636           11-2011         Marketing Managers         3,584         4,602         1,018         28.4%         102         66         168           11-2021         Marketing Managers         7,945         10,731         2,786         35.1%         279         147         426           11-2021         Marketing Managers         897         1,146         249         2.8%         25         16         41           11-3001         Operations Specialties Managers         4,699         3,3754         7,145         26.9%         715         458         1,73
11-1021         General and Operations Managers         26,969         35,544         8,575         31.8%         858         509         1,367           11-1031         Legislators         747         749         47         6.3%         5         10         15           11-2001         Advertising, Marketing, Promotions, Public Relations, and         36         17,516         4,260         32.1%         426         243         669           11-2011         Marketing Managers         3.584         4,602         1,018         28.4%         102         66         168           11-2021         Marketing Managers         7,945         10,731         2,786         35.1%         279         147         426           11-2031         Public Relations Managers         897         1,146         249         27.8%         25         16         41           11-2031         Public Relations Managers         897         1,146         249         27.8%         25         16         426           11-2031         Administrative Services Managers         4,719         6,099         1,330         29.2%         133         80         218           11-3041         Computer and Information Systems Managers         1,057
11-1031       Legislators       747       794       47       6.3%       5       10       15         11-2001       Advertising, Marketing, Promotions, Public Relations, and Sales Managers       13,256       17,516       4,260       32.1%       426       243       669         11-2011       Advertising and Promotions Managers       830       1,037       207       24.9%       21       15       36         11-2021       Marketing Managers       3,584       4,602       1,018       28.4%       102       66       168         11-2021       Sales Managers       7,945       10,731       2,786       35.1%       279       147       426         11-2031       Public Relations Managers       897       1,146       249       27.8%       25       16       41         11-3001       Operations Specialties Managers       26,609       33,754       7,145       26.9%       715       458       1,73         11-3011       Administrative Services Managers       4,719       6,099       1,380       29.2%       138       80       218         11-3021       Computer and Information Systems Managers       4,791       6,099       1,380       29.2%       138       80       218
11-2001
Sales Managers         13,256         17,516         4,260         32,1%         426         243         669           11-2011         Advertising and Promotions Managers         3830         1,037         207         24,9%         21         15         36           11-2021         Marketing Managers         3,584         4,602         1,118         28,4%         102         66         168           11-2021         Public Relations Managers         7,945         10,731         2,786         35.1%         279         147         426           11-2021         Public Relations Managers         897         1,146         249         27.8%         25         16         41           11-3001         Operations Specialties Managers         26,609         33,754         7,145         26,9%         715         488         1,173           11-3011         Administrative Services Managers         4,719         6,099         1,380         29.2%         138         92         230           11-3021         Computer and Information Systems Managers         4,719         6,099         1,380         29.2%         138         80         218           11-3041         Computer and Information Systems Managers         1,057
11-2011       Advertising and Promotions Managers       830       1,037       207       24.9%       21       15       36         11-2021       Marketing Managers       3,584       4,602       1,018       28.4%       102       66       168         11-2022       Sales Managers       7,945       10,731       2,786       35.1%       279       147       426         11-2031       Public Relations Managers       897       1,146       249       27.8%       25       16       41         11-3001       Operations Specialties Managers       26,609       33,754       7,145       26.9%       715       458       1,173         11-3011       Administrative Services Managers       4,719       6,099       1,380       29.2%       138       92       230         11-3021       Computer and Information Systems Managers       4,719       6,099       1,380       29.2%       138       80       218         11-3041       Computer and Information Systems Managers       1,057       1,435       378       35.8%       38       18       56         11-3041       Compensation and Benefits Managers       1,057       1,435       378       35.8%       38       18       56
11-2021         Marketing Managers         3,584         4,602         1,018         28.4%         102         66         168           11-2022         Sales Managers         7,945         10,731         2,786         35.1%         279         147         426           11-2031         Public Relations Managers         897         1,146         249         27.8%         25         16         41           11-3001         Operations Specialties Managers         26,609         33,754         7,145         26.9%         715         458         1,173           11-3011         Administrative Services Managers         4,719         6,099         1,380         29.2%         138         92         230           11-3021         Computer and Information Systems Managers         4,398         5,776         1,378         31,3%         138         80         218           11-3021         Computer and Information Systems Managers         4,398         5,776         1,337         31,3%         138         80         218           11-3041         Compensation and Benefits Managers         1,057         1,435         378         35.8%         38         18         16           11-3041         Individual Cyling and Development Man
11-2022         Sales Managers         7,945         10,731         2,786         35.1%         279         147         426           11-2021         Public Relations Managers         897         1,146         249         27.8%         25         16         41           11-3000         Operations Specialties Managers         26,609         33,754         7,145         26,9%         715         458         1,173           11-3011         Administrative Services Managers         4,719         6,099         1,380         29,2%         138         92         230           11-3021         Computer and Information Systems Managers         4,398         5,776         1,378         31.3%         138         80         218           11-3041         Compensation and Benefits Managers         1,057         1,435         378         35.8%         38         18         56           11-3042         Training and Development Managers         1,057         1,435         378         35.8%         38         18         56           11-3049         Human Resources Managers, All Other         1,523         1,895         372         24.4%         37         26         63           11-3049         Purchasing Managers <th< td=""></th<>
11-2031         Public Relations Managers         897         1,146         249         27.8%         25         16         41           11-3000         Operations Specialties Managers         26,609         33,754         7,145         26.9%         715         458         1,173           11-3011         Administrative Services Managers         4,719         6,099         1,380         29.2%         138         92         230           11-3021         Computer and Information Systems Managers         4,398         5,776         1,378         31.3%         138         80         218           11-3031         Financial Managers         9,454         12,071         2,617         27.7%         262         136         398           11-3041         Compensation and Benefits Managers         1,057         1,435         378         35.8%         38         18         56           11-3042         Training and Development Managers         786         1,060         274         34.9%         27         13         40           11-3045         Iuma Resources Managers, All Other         1,523         1,895         372         24.4%         37         26         63           11-3051         Industrial Production Managers
11-3000       Operations Specialties Managers       26,609       33,754       7,145       26.9%       715       458       1,173         11-3011       Administrative Services Managers       4,719       6,099       1,380       29.2%       138       92       230         11-3021       Computer and Information Systems Managers       4,398       5,776       1,378       31.3%       138       80       218         11-3041       Computer and Information Systems Managers       4,398       5,776       1,378       31.3%       138       80       218         11-3041       Computer and Information Systems Managers       1,067       1,435       378       35.8%       38       18       56         11-3041       Compensation and Benefits Managers       1,067       1,435       378       35.8%       38       18       56         11-3042       Training and Development Managers       786       1,060       274       34.9%       27       13       40         11-3049       Human Resources Managers, All Other       1,523       1,895       372       24.4%       37       26       63         11-3051       Industrial Production Managers       1,825       2,028       203       11.1%       20
11-3011       Administrative Services Managers       4,719       6,099       1,380       29.2%       138       92       230         11-3021       Computer and Information Systems Managers       4,398       5,776       1,378       31.3%       138       80       218         11-3031       Financial Managers       9,454       12,071       2,617       27.7%       262       136       398         11-3041       Compensation and Benefits Managers       1,057       1,435       378       35.8%       38       18       56         11-3042       Training and Development Managers       786       1,060       274       34.9%       27       13       40         11-3049       Human Resources Managers, All Other       1,523       1,895       372       24.4%       37       26       63         11-3051       Industrial Production Managers       1,825       2,028       203       11.1%       20       35       55         11-3071       Transportation, Storage, and Distribution Managers       1,588       1,866       278       17.5%       28       35       63         11-9012       Farmers and Ranchers       70,469       88,171       17,702       25.1%       1,770       1,357
11-3021         Computer and Information Systems Managers         4,398         5,776         1,378         31.3%         138         80         218           11-3031         Financial Managers         9,454         12,071         2,617         27.7%         262         136         398           11-3041         Compensation and Benefits Managers         1,057         1,435         378         35.8%         38         18         56           11-3042         Training and Development Managers         786         1,060         274         34.9%         27         13         40           11-3049         Human Resources Managers, All Other         1,523         1,895         372         24.4%         37         26         63           11-3051         Industrial Production Managers         1,825         2,028         203         11.1%         20         35         55           11-3061         Purchasing Managers         1,558         1,866         278         17.5%         28         35         63           11-3071         Transportation, Storage, and Distribution Managers         1,259         1,524         265         21.0%         27         25         52           11-9002         Other Management Occupations
11-3031         Financial Managers         9,454         12,071         2,617         27.7%         262         136         398           11-3041         Compensation and Benefits Managers         1,057         1,435         378         35.8%         38         18         56           11-3042         Training and Development Managers         786         1,060         274         34.9%         27         13         40           11-3049         Human Resources Managers, All Other         1,523         1,895         372         24.4%         37         26         63           11-3051         Industrial Production Managers         1,825         2,028         203         11.1%         20         35         55           11-3061         Purchasing Managers         1,588         1,866         278         17.5%         28         35         63           11-3071         Transportation, Storage, and Distribution Managers         1,259         1,524         265         21.0%         27         25         52           11-9000         Other Management Occupations         70,469         88,171         17,702         25.1%         1,770         1,357         3,127           11-9012         Farmers and Ranchers <td< td=""></td<>
11-3041       Compensation and Benefits Managers       1,057       1,435       378       35.8%       38       18       56         11-3042       Training and Development Managers       786       1,060       274       34.9%       27       13       40         11-3049       Human Resources Managers, All Other       1,523       1,895       372       24.4%       37       26       63         11-3051       Industrial Production Managers       1,825       2,028       203       11.1%       20       35       55         11-3061       Purchasing Managers       1,588       1,866       278       17.5%       28       35       63         11-9071       Transportation, Storage, and Distribution Managers       1,259       1,524       265       21.0%       27       25       52         11-9000       Other Management Occupations       70,469       88,171       17,702       25.1%       1,770       1,357       3,127         11-9012       Farmers and Ranchers       77       68       -9       -11.7%       0       1       1       1         11-9021       Construction Managers       8,622       12,103       3,481       40.4%       348       156       504
11-3042       Training and Development Managers       786       1,060       274       34.9%       27       13       40         11-3049       Human Resources Managers, All Other       1,523       1,895       372       24.4%       37       26       63         11-3051       Industrial Production Managers       1,825       2,028       203       11.1%       20       35       55         11-3061       Purchasing Managers       1,588       1,866       278       17.5%       28       35       63         11-3071       Transportation, Storage, and Distribution Managers       1,259       1,524       265       21.0%       27       25       52         11-9000       Other Management Occupations       70,469       88,171       17,702       25.1%       1,770       1,357       3,127         11-9012       Farmers and Ranchers       77       68       -9       -11.7%       0       1       1         11-9021       Construction Managers       8,622       12,103       3,481       40.4%       348       156       504         11-9031       Education Administrators, Preschool and Child Care       1,066       1,460       394       37.0%       39       27       66
11-3049       Human Resources Managers, All Other       1,523       1,895       372       24.4%       37       26       63         11-3051       Industrial Production Managers       1,825       2,028       203       11.1%       20       35       55         11-3061       Purchasing Managers       1,588       1,866       278       17.5%       28       35       63         11-3071       Transportation, Storage, and Distribution Managers       1,259       1,524       265       21.0%       27       25       52         11-9000       Other Management Occupations       70,469       88,171       17,702       25.1%       1,770       1,357       3,127         11-9012       Farmers and Ranchers       77       68       -9       -11.7%       0       1       1         11-9021       Construction Managers       8,622       12,103       3,481       40.4%       348       156       504         11-9031       Education Administrators, Preschool and Child Care       1,066       1,460       394       37.0%       39       27       66         11-9032       Education Administrators, Postsecondary       2,827       3,956       1,129       39.9%       113       70
11-3051       Industrial Production Managers       1,825       2,028       203       11.1%       20       35       55         11-3061       Purchasing Managers       1,588       1,866       278       17.5%       28       35       63         11-3071       Transportation, Storage, and Distribution Managers       1,259       1,524       265       21.0%       27       25       52         11-9000       Other Management Occupations       70,469       88,171       17,702       25.1%       1,770       1,357       3,127         11-9012       Farmers and Ranchers       77       68       -9       -11.7%       0       1       1       1         11-9021       Construction Managers       8,622       12,103       3,481       40.4%       348       156       504         11-9031       Education Administrators, Preschool and Child Care       1,066       1,460       394       37.0%       39       27       66         11-9032       Education Administrators, Elementary and Secondary       2,827       3,956       1,129       39.9%       113       70       183         11-9039       Education Administrators, Postsecondary       201       233       32       15.9%       3
11-3061       Purchasing Managers       1,588       1,866       278       17.5%       28       35       63         11-3071       Transportation, Storage, and Distribution Managers       1,259       1,524       265       21.0%       27       25       52         11-9000       Other Management Occupations       70,469       88,171       17,702       25.1%       1,770       1,357       3,127         11-9012       Farmers and Ranchers       77       68       -9       -11.7%       0       1       1         11-9021       Construction Managers       8,622       12,103       3,481       40.4%       348       156       504         11-9031       Education Administrators, Preschool and Child Care       1,066       1,460       394       37.0%       39       27       66         11-9032       Education Administrators, Elementary and Secondary School       3,577       5,073       1,496       41.8%       150       89       239         11-9033       Education Administrators, Postsecondary       2,827       3,956       1,129       39.9%       113       70       183         11-9041       Engineering Managers       4,675       5,713       1,038       22.2%       104 <t< td=""></t<>
11-3071       Transportation, Storage, and Distribution Managers       1,259       1,524       265       21.0%       27       25       52         11-9000       Other Management Occupations       70,469       88,171       17,702       25.1%       1,770       1,357       3,127         11-9012       Farmers and Ranchers       77       68       -9       -11.7%       0       1       1         11-9021       Construction Managers       8,622       12,103       3,481       40.4%       348       156       504         11-9031       Education Administrators, Preschool and Child Care       1,066       1,460       394       37.0%       39       27       66         11-9032       Education Administrators, Elementary and Secondary School       3,577       5,073       1,496       41.8%       150       89       239         11-9033       Education Administrators, Postsecondary       2,827       3,956       1,129       39.9%       113       70       183         11-9039       Education Administrators, All Other       201       233       32       15.9%       3       5       8         11-9041       Engineering Managers       4,675       5,713       1,038       22.2%       104
11-9000 Other Management Occupations       70,469       88,171       17,702       25.1%       1,770       1,357       3,127         11-9012 Farmers and Ranchers       77       68       -9       -11.7%       0       1       1       1         11-9021 Construction Managers       8,622       12,103       3,481       40.4%       348       156       504         11-9031 Education Administrators, Preschool and Child Care       1,066       1,460       394       37.0%       39       27       66         11-9032 Education Administrators, Elementary and Secondary School       3,577       5,073       1,496       41.8%       150       89       239         11-9033 Education Administrators, Postsecondary       2,827       3,956       1,129       39.9%       113       70       183         11-9039 Education Administrators, All Other       201       233       32       15.9%       3       5       8         11-9041 Engineering Managers       4,675       5,713       1,038       22.2%       104       93       197
11-9012       Farmers and Ranchers       77       68       -9       -11.7%       0       1       1         11-9021       Construction Managers       8,622       12,103       3,481       40.4%       348       156       504         11-9031       Education Administrators, Preschool and Child Care       1,066       1,460       394       37.0%       39       27       66         11-9032       Education Administrators, Elementary and Secondary School       3,577       5,073       1,496       41.8%       150       89       239         11-9033       Education Administrators, Postsecondary       2,827       3,956       1,129       39.9%       113       70       183         11-9039       Education Administrators, All Other       201       233       32       15.9%       3       5       8         11-9041       Engineering Managers       4,675       5,713       1,038       22.2%       104       93       197
11-9021 Construction Managers       8,622       12,103       3,481       40.4%       348       156       504         11-9031 Education Administrators, Preschool and Child Care       1,066       1,460       394       37.0%       39       27       66         11-9032 Education Administrators, Elementary and Secondary School       3,577       5,073       1,496       41.8%       150       89       239         11-9033 Education Administrators, Postsecondary       2,827       3,956       1,129       39.9%       113       70       183         11-9039 Education Administrators, All Other       201       233       32       15.9%       3       5       8         11-9041 Engineering Managers       4,675       5,713       1,038       22.2%       104       93       197
11-9031       Education Administrators, Preschool and Child Care       1,066       1,460       394       37.0%       39       27       66         11-9032       Education Administrators, Elementary and Secondary School       3,577       5,073       1,496       41.8%       150       89       239         11-9033       Education Administrators, Postsecondary       2,827       3,956       1,129       39.9%       113       70       183         11-9039       Education Administrators, All Other       201       233       32       15.9%       3       5       8         11-9041       Engineering Managers       4,675       5,713       1,038       22.2%       104       93       197
11-9032       Education Administrators, Elementary and Secondary School       3,577       5,073       1,496       41.8%       150       89       239         11-9033       Education Administrators, Postsecondary       2,827       3,956       1,129       39.9%       113       70       183         11-9039       Education Administrators, All Other       201       233       32       15.9%       3       5       8         11-9041       Engineering Managers       4,675       5,713       1,038       22.2%       104       93       197
11-9033       Education Administrators, Postsecondary       2,827       3,956       1,129       39.9%       113       70       183         11-9039       Education Administrators, All Other       201       233       32       15.9%       3       5       8         11-9041       Engineering Managers       4,675       5,713       1,038       22.2%       104       93       197
11-9039       Education Administrators, All Other       201       233       32       15.9%       3       5       8         11-9041       Engineering Managers       4,675       5,713       1,038       22.2%       104       93       197
11-9041 Engineering Managers 4,675 5,713 1,038 22.2% 104 93 197
11-9051 Food Service Managers 8 656 10 812 2 156 24 9% 216 141 357
1,000 10,012 2,100 24.370 210 141 007
11-9061 Funeral Directors 377 422 45 11.9% 5 11 16
11-9071 Gaming Managers 386 451 65 16.8% 7 7 14
11-9081 Lodging Managers 2,180 2,587 407 18.7% 41 36 77
11-9111 Medical and Health Services Managers 5,166 6,917 1,751 33.9% 175 101 276
11-9121 Natural Sciences Managers 626 745 119 19.0% 12 12 24
11-9131 Postmasters and Mail Superintendents 188 227 39 20.7% 4 4 8

	2004-2014 Arizona Statewide Occupational Projections										
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Average	e Annual Ope	nings			
SOC		2004	2014			Due to	Due to				
Code	SOC Title	<b>Estimated</b>	<b>Projected</b>	Number	Percent	Growth	Separations	Total			
11-9141	Property, Real Estate, and Community Association Managers	10,463	12,308	1,845	17.6%	185	195	380			
11-9151	Social and Community Service Managers	2,251	2,998	747	33.2%	75	43	118			
11-9199	Managers, All Other	16,517	19,483	2,966	18.0%	297	322	619			
13-0000	Business and Financial Operations Occupations	110,421	141,488	31,067	28.1%	3,107	1,934	5,041			
13-1000	Business Operations Specialists	58,244	75,317	17,073	29.3%	1,707	1,017	2,724			
13-1011		554	698	144	26.0%	14	11	25			
13-1021	Purchasing Agents and Buyers, Farm Products	247	324	77	31.2%	8	8	16			
13-1022	Wholesale and Retail Buyers, Except Farm Products	2,514	3,121	607	24.1%	61	66	127			
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm	4,748	5,682	934	19.7%	93	118	211			
13-1031	Claims Adjusters, Examiners, and Investigators	4,086	5,303	1,217	29.8%	122	50	172			
13-1032	Insurance Appraisers, Auto Damage	273	351	78	28.6%	8	3	11			
13-1041	Compliance Officers, Except Agriculture, Construction, Health										
	and Safety, and Transportation	2,448	2,921	473	19.3%	47	58	105			
13-1051	Cost Estimators	4,456	6,556	2,100	47.1%	210	100	310			
13-1061	Emergency Management Specialists	98	124	26	26.5%	3	2	5			
13-1071	Employment, Recruitment, and Placement Specialists	3,472	4,765	1,293	37.2%	129	53	182			
13-1072	Compensation, Benefits, and Job Analysis Specialists	2,208	3,057	849	38.5%	85	34	119			
13-1073	Training and Development Specialists	5,890	7,733	1,843	31.3%	184	90	274			
13-1079											
	All Other	1,882	2,662	780	41.4%	78	32	110			
13-1081	Logisticians	881	944	63	7.2%	6	15	21			
13-1111	Management Analysts	13,751	16,502	2,751	20.0%	275	188	463			
13-1121	Meeting and Convention Planners	1,177	1,492	315	26.8%	32	26	58			
13-1199	Business Operations Specialists, All Other	9,559	13,082	3,523	36.9%	352	163	515			
13-2000	Financial Specialists	52,177	66,171	13,994	26.8%	1,399	917	2,316			
13-2011	Accountants and Auditors	23,615	31,062	7,447	31.5%	745	446	1,191			
13-2021	Appraisers and Assessors of Real Estate	3,792	4,650	858	22.6%	86	81	167			
13-2031	Budget Analysts	1,575	1,902	327	20.8%	33	26	59			
13-2041	Credit Analysts	2,295	2,735	440	19.2%	44	36	80			
13-2051	Financial Analysts	3,629	4,509	880	24.2%	88	54	142			
13-2052		4,179	5,570	1,391	33.3%	139	54	193			
13-2053	Insurance Underwriters	1,334	1,644	310	23.2%	31	24	55			
13-2061	Financial Examiners	341	424	83	24.3%	8	8	16			
13-2071	Loan Counselors	639	827	188	29.4%	19	10	29			
13-2072	Loan Officers	7,238	8,764	1,526	21.1%	153	116	269			
13-2099	Financial Specialists, All Other	1,515	1,887	372	24.6%	37	27	64			
15-0000	Computer and Mathematical Occupations	50,950	67,147	16,197	31.8%	1,620	677	2,297			

	2004-2014 Arizona Statewide Occupational Projections										
	Standard Occupation Classification (SOC)*	Employ	/ment	10 Year	Change	Average	e Annual Ope	nings			
SOC		2004	2014			Due to	Due to				
Code	SOC Title	Estimated	<b>Projected</b>	Number	Percent	Growth	Separations	Total			
15-1000	Computer Specialists	48,739	64,645	15,906	32.6%	1,591	624	2,215			
15-1011	Computer and Information Scientists, Research	285	349	64	22.5%	6	3	9			
15-1021	Computer Programmers	6,545	6,849	304	4.6%	30	155	185			
15-1031	Computer Software Engineers, Applications	7,321	10,349	3,028	41.4%	303	72	375			
15-1032	Computer Software Engineers, Systems Software	5,257	7,242	1,985	37.8%	199	52	251			
15-1041	Computer Support Specialists	11,668	15,119	3,451	29.6%	345	144	489			
15-1051	Computer Systems Analysts	6,767	8,930	2,163	32.0%	216	77	293			
15-1061	Database Administrators	2,081	2,991	910	43.7%	91	22	113			
15-1071	Network and Computer Systems Administrators	3,920	5,600	1,680	42.9%	168	44	212			
15-1081	Network Systems and Data Communications Analysts	3,741	5,763	2,022	54.0%	202	44	246			
15-1099	Computer Specialists, All Other	1,154	1,453	299	25.9%	30	13	43			
15-2000	Mathematical Scientists	2,211	2,502	291	13.2%	29	52	81			
15-2031	Operations Research Analysts	1,837	2,071	234	12.7%	23	40	63			
15-2041	Statisticians	215	224	9	4.2%	1	6	7			
17-0000		55,819	67,622	11,803	21.1%	1,180	1,245	2,425			
17-1000	Architects, Surveyors, and Cartographers	5,136	6,779	1,643	32.0%	164	107	271			
17-1011		2,016	2,684	668	33.1%	67	23	90			
17-1012	Landscape Architects	992	1,366	374	37.7%	37	11	48			
17-1021	Cartographers and Photogrammetrists	331	362	31	9.4% 31.7%	3 57	11 61	14 118			
17-1022	Surveyors	1,797	2,367	570							
17-2000	Engineers	33,375 3,018	40,037	6,662 199	20.0% 6.6%	666 20	719 75	1,385 95			
17-2011 17-2021	Aerospace Engineers	68	3,217 82	14	20.6%	1	2	3			
17-2021	Agricultural Engineers Biomedical Engineers	137	201	64	46.7%	6	2	8			
17-2031	Chemical Engineers	301	398	97	32.2%	10	9	19			
17-2041	Civil Engineers	4,333	5,671	1,338	30.9%	134	69	203			
17-2061	Computer Hardware Engineers	2,139	2,389	250	11.7%	25	36	61			
17-2071	Electrical Engineers	5,431	6,410	979	18.0%	98	107	205			
17-2072	Electronics Engineers, Except Computer	4,116	4,800	684	16.6%	68	81	149			
17-2081	Environmental Engineers	836	1,123	287	34.3%	29	14	43			
	Health and Safety Engineers, Except Mining Safety Engineers	000	1,120	201	01.070	20		10			
	and Inspectors	728	923	195	26.8%	20	18	38			
17-2112	Industrial Engineers	2,965	3,760	795	26.8%	80	72	152			
17-2131	<u> </u>	436	524	88	20.2%	9	12	21			
17-2141	Mechanical Engineers	5,578	6,469	891	16.0%	89	153	242			
17-2151	Mining and Geological Engineers, Including Mining Safety	168	207	39	23.2%	4	5	9			
17-2199	Engineers, All Other	2,563	3,148	585	22.8%	59	49	108			

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17-3000	Drafters, Engineering, and Mapping Technicians	17,308	20,806	3,498	20.2%	350	419	769			
17-3011	Architectural and Civil Drafters	2,250	2,697	447	19.9%	45	63	108			
17-3012	Electrical and Electronics Drafters	746	858	112	15.0%	11	21	32			
17-3013		1,479	1,803	324	21.9%	32	42	74			
17-3019	Drafters, All Other	198	259	61	30.8%	6	5	11			
17-3022	Civil Engineering Technicians	1,810	2,328	518	28.6%	52	38	90			
17-3023	Electrical and Electronic Engineering Technicians	5,645	6,408	763	13.5%	76	118	194			
17-3024	Electro-Mechanical Technicians	559	700	141	25.2%	14	12	26			
17-3025	Environmental Engineering Technicians	517	713	196	37.9%	20	11	31			
17-3026	Industrial Engineering Technicians	627	726	99	15.8%	10	13	23			
17-3027	Mechanical Engineering Technicians	1,148	1,534	386	33.6%	39	24	63			
17-3029	Engineering Technicians, Except Drafters, All Other	872	1,020	148	17.0%	15	21	36			
17-3031	Surveying and Mapping Technicians	1,334	1,632	298	22.3%	30	49	79			
19-0000	Life, Physical, and Social Science Occupations	17,583	22,108	4,525	25.7%	453	428	881			
19-1000	Life Scientists	1,628	2,070	442	27.1%	44	40	84			
19-1013	Soil and Plant Scientists	83	93	10	12.0%	1	2	3			
19-1022	Microbiologists	83 198	103 238	20 40	24.1% 20.2%	2	3	5 10			
19-1023	Zoologists and Wildlife Biologists	259	303	40	17.0%	4	6 8	10			
19-1029	Biological Scientists, All Other Conservation Scientists	153	165	12	7.8%	4	5	6			
19-1031 19-1032		130	145	15	11.5%	2	4	6			
19-1032		456	687	231	50.7%	23	8	31			
19-1042	Life Scientists, All Other	90	114	24	26.7%	23	2	4			
19-1099	Physical Scientists	3,003	3,675	672	22.4%	67	74	141			
19-2000	Physicists	203	255	52	25.6%	5	7	12			
19-2021	Atmospheric and Space Scientists	53	59	6	11.3%	1	2	3			
19-2031	Chemists	751	923	172	22.9%	17	25	42			
19-2032		238	307	69	29.0%	7	8	15			
19-2041	Environmental Scientists and Specialists, Including Health	827	991	164	19.8%	16	15	31			
19-2042	· · · · · · · · · · · · · · · · · · ·	223	254	31	13.9%	3	4	7			
	Hydrologists	381	524	143	37.5%	14	7	21			
19-3000	Social Scientists and Related Workers	8,922	11,405	2,483	27.8%	248	220	468			
19-3011	Economists	91	102	11	12.1%	1	3	4			
19-3021	Market Research Analysts	3,241	4,033	792	24.4%	79	84	163			
19-3022	Survey Researchers	477	592	115	24.1%	12	12	24			
19-3031	Clinical, Counseling, and School Psychologists	3,210	4,368	1,158	36.1%	116	70	186			
19-3039	Psychologists, All Other	182	208	26	14.3%	3	4	7			

	2004-2014 Arizona Statewide Occupational Projections										
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Averag	e Annual Ope	nings			
SOC		2004	2014			Due to	Due to				
Code	SOC Title	Estimated	Projected	Number	Percent	Growth	Separations	Total			
19-3041	Sociologists	68	85	17	25.0%	2	2	4			
19-3051	Urban and Regional Planners	795	971	176	22.1%	18	27	45			
19-3091	Anthropologists and Archeologists	152	177	25	16.4%	3	3	6			
19-3099	Social Scientists and Related Workers, All Other	639	786	147	23.0%	15	14	29			
19-4000	Life, Physical, and Social Science Technicians	4,030	4,958	928	23.0%	93	94	187			
19-4021	Biological Technicians	259	300	41	15.8%	4	4	8			
19-4031	Chemical Technicians	622	787	165	26.5%	17	16	33			
19-4091	Environmental Science and Protection Technicians, Including	325	392	67	20.6%	7	8	15			
19-4092	Forensic Science Technicians	621	893	272	43.8%	27	15	42			
19-4093	Forest and Conservation Technicians	1,074	1,178	104	9.7%	10	25	35			
19-4099	Life, Physical, and Social Science Technicians, All Other	662	813	151	22.8%	15	16	31			
21-0000	Community and Social Services Occupations	27,352	36,226	8,874	32.4%	887	521	1,408			
21-1000	Counselors, Social Workers, and Other Community and Social	04.000	20.040	0.050	22.00/	000	405	4.044			
04 4044	Service Specialists	24,992	33,248	8,256	33.0%	826	485	1,311			
21-1011	Substance Abuse and Behavioral Disorder Counselors	931	1,241	310	33.3%	31	21	52			
	Educational, Vocational, and School Counselors	4,402	5,886	1,484	33.7%	148	101	249 15			
	Marriage and Family Therapists  Mental Health Counselors	275	361	86	31.3%	9 61	6	103			
		1,830 1,490	2,438	608 421	33.2% 28.3%	42	42 34	76			
21-1015 21-1019	Rehabilitation Counselors Counselors, All Other	1,490	1,911 253	61	31.8%	6	4	10			
21-1019		3,518	4,683	1,165	33.1%	117	60	177			
21-1021	Child, Family, and School Social Workers  Medical and Public Health Social Workers	1,422	1,932	510	35.1%	51	24	75			
21-1022	Mental Health and Substance Abuse Social Workers	1,629	2,201	572	35.1%	57	28	85			
21-1023	Social Workers, All Other	640	791	151	23.6%	15	12	27			
	Probation Officers and Correctional Treatment Specialists	2,915	3,478	563	19.3%	56	51	107			
21-1093	Social and Human Service Assistants	4,186	5,885	1,699	40.6%	170	74	244			
21-1099	Community and Social Service Specialists, All Other	784	1,142	358	45.7%	36	15	51			
21-2000	Religious Workers	2,360	2,978	618	26.2%	62	36	98			
21-2011	Clergy	446	564	118	26.5%	12	9	21			
23-0000	Legal Occupations	18,883	24,224	5,341	28.3%	534	220	754			
	Lawyers, Judges, and Related Workers	11,749	15,092	3,343	28.5%	334	151	485			
23-1011	Lawyers	10,907	14,098	3,191	29.3%	319	140	459			
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	170	203	33	19.4%	3	2	5			
23-1022		102	125	23	22.5%	2	1	3			
23-1023	Judges, Magistrate Judges, and Magistrates	570	666	96	16.8%	10	7	17			
23-2000	Legal Support Workers	7,134	9,132	1,998	28.0%	200	69	269			
23-2011	Paralegals and Legal Assistants	3,173	4,540	1,367	43.1%	137	26	163			

	2004-2014 Arizona Statewide Occupational Projections										
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SOC		2004	2014			Due to	Due to				
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23-2091	Court Reporters	302	365	63	20.9%	6	3	9			
23-2092	Law Clerks	820	926	106	12.9%	11	9	20			
23-2093	Title Examiners, Abstractors, and Searchers	2,245	2,626	381	17.0%	38	25	63			
23-2099	Legal Support Workers, All Other	594	675	81	13.6%	8	7	15			
25-0000		129,452	186,923	57,471	44.4%	5,747	2,793	8,540			
25-1000	Postsecondary Teachers	24,045	36,100	12,055	50.1%	1,206	543	1,749			
25-1011	Business Teachers, Postsecondary	1,844	2,781	937	50.8%	94	42	136			
25-1021	Computer Science Teachers, Postsecondary	1,763	2,669	906	51.4%	91	40	131			
	Mathematical Science Teachers, Postsecondary	1,097	1,656	559	51.0%	56	25	81			
25-1042	Biological Science Teachers, Postsecondary	625	942	317	50.7%	32	14	46			
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers,										
	Postsecondary	152	226	74	48.7%	7	3	10			
25-1061	Anthropology and Archeology Teachers, Postsecondary	59	87	28	47.5%	3	1	4			
	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	105	154	49	46.7%	5	2	7			
25-1064		89	134	45	50.6%	5	2	7			
	Political Science Teachers, Postsecondary	149	225	76	51.0%	8	3	11			
25-1066	Psychology Teachers, Postsecondary	321	488	167	52.0%	17	7	24			
25-1067	•	83	123	40	48.2%	4	2	6			
	Nursing Instructors and Teachers, Postsecondary	848	1,215	367	43.3%	37	19	56			
25-1081		340	515	175	51.5%	18	8	26			
25-1111	,	219	330	111	50.7%	11	5	16			
	Art, Drama, and Music Teachers, Postsecondary	595	898	303	50.9%	30	13	43			
25-1122		317	480	163	51.4%	16	7	23			
25-1123	English Language and Literature Teachers, Postsecondary	1,375	2,076	701	51.0%	70	31	101			
25-1124	Foreign Language and Literature Teachers, Postsecondary	289	434	145	50.2%	15	7	22			
25-1125	History Teachers, Postsecondary	207	312	105	50.7%	11	5	16			
25-1126	Philosophy and Religion Teachers, Postsecondary	165	249	84	50.9%	8	4	12			
	Home Economics Teachers, Postsecondary	66	98	32	48.5%	3	2	5			
	Recreation and Fitness Studies Teachers, Postsecondary	190	287	97	51.1%	10	4	14			
	Vocational Education Teachers, Postsecondary	2,082	3,155	1,073	51.5%	107	47	154			
	Postsecondary Teachers, All Other	3,848	5,802	1,954	50.8%	195	87	282			
25-2000	Primary, Secondary, and Special Education School Teachers	72,042	104,308	32,266	44.8%	3,227	1,618	4,845			
25-2011	Preschool Teachers, Except Special Education	6,170	8,704	2,534	41.1%	253	73	326			
25-2012	Kindergarten Teachers, Except Special Education	2,667	3,977	1,310	49.1%	131	32	163			
25-2021	Elementary School Teachers, Except Special Education	34,491	50,328	15,837	45.9%	1,584	761	2,345			
25-2022	Middle School Teachers, Except Special and Vocational	6,293	8,765	2,472	39.3%	247	139	386			
25-2023	Vocational Education Teachers, Middle School	147	201	54	36.7%	5	3	8			

	2004-2014 Arizona Statewide Occupational Projections										
	Standard Occupation Classification (SOC)*	Employ	yment	10 Year	Change	Average	e Annual Ope	nings			
SOC		2004	2014			Due to	Due to				
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25-2031	Secondary School Teachers, Except Special and Vocational							,			
.=	Education	17,446	24,937	7,491	42.9%	749	491	1,240			
25-2032	Vocational Education Teachers, Secondary School	834	1,191	357	42.8%	36	24	60			
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	2,175	3,467	1,292	59.4%	129	52	181			
25-2042	·	758	1,172	414	54.6%	41	18	59			
25-2043	Special Education Teachers, Secondary School	1,061	1,566	505	47.6%	51	25	76			
25-3000	Other Teachers and Instructors	6,159	8,389	2,230	36.2%	223	76	299			
25-3011	Adult Literacy, Remedial Education, and GED Teachers and	1,659	2,235	576	34.7%	58	20	78			
25-3021	Self-Enrichment Education Teachers	2,376	3,247	871	36.7%	87	29	116			
25-3099	Teachers and Instructors, All Other	2,124	2,907	783	36.9%	78	26	104			
25-4000	Librarians, Curators, and Archivists	4,712	6,061	1,349	28.6%	135	136	271			
25-4011	Archivists	63	75	12	19.0%	1	1	2			
25-4012		370	470	100	27.0%	10	8	18			
25-4013		245	302	57	23.3%	6	5	11			
25-4021	Librarians	2,149	2,687	538	25.0%	54	51	105			
25-4031		1,885	2,527	642	34.1%	64	70	134			
25-9000	Other Education, Training, and Library Occupations	22,494	32,065	9,571	42.5%	957	421	1,378			
25-9011 25-9031	Audio-Visual Collections Specialists Instructional Coordinators	70 3,162	96 4,564	26 1,402	37.1% 44.3%	3 140	1 48	4 188			
25-9031	Teacher Assistants	19,133	27,230	8,097	44.3%	810	370	1,180			
25-9041	Education, Training, and Library Workers, All Other	112	154	42	37.5%	4	2	1,100			
<b>27-0000</b>		112	104	42	37.370	7	2	O			
21-0000	Occupations	40,112	49,024	8,912	22.2%	891	720	1,611			
27-1000	Art and Design Workers	14,892	18,079	3,187	21.4%	319	220	539			
27-1011		840	943	103	12.3%	10	18	28			
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	405	445	40	9.9%	4	9	13			
27-1014	Multi-Media Artists and Animators	1,059	1,084	25	2.4%	3	23	26			
27-1021	Commercial and Industrial Designers	688	824	136	19.8%	14	9	23			
27-1023	Floral Designers	1,803	2,275	472	26.2%	47	24	71			
27-1024	· · · · · · · · · · · · · · · · · · ·	5,493	6,684	1,191	21.7%	119	73	192			
27-1025	Interior Designers	1,948	2,418	470	24.1%	47	26	73			
27-1026	Merchandise Displayers and Window Trimmers	1,968	2,558	590	30.0%	59	26	85			
27-1027	Set and Exhibit Designers	202	242	40	19.8%	4	3	7			
27-1029	Designers, All Other	281	361	80	28.5%	8	5	13			
27-2000	Entertainers and Performers, Sports and Related Workers	7,044	9,173	2,129	30.2%	213	148	361			
27-2011	Actors	204	231	27	13.2%	3	3	6			

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	Standard Occupation Classification (SOC)*	Employ	yment	10 Year	Change	Average	e Annual Ope	nings			
SOC		2004	2014			Due to	Due to				
Code	SOC Title	Estimated	<b>Projected</b>	Number	Percent	Growth	Separations	Total			
27-2012	Producers and Directors	1,206	1,340	134	11.1%	13	18	31			
27-2022	Coaches and Scouts	2,298	3,049	751	32.7%	75	44	119			
27-2023	Umpires, Referees, and Other Sports Officials	980	1,466	486	49.6%	49	19	68			
27-2032	Choreographers	394	594	200	50.8%	20	24	44			
27-2042	Musicians and Singers	940	1,180	240	25.5%	24	20	44			
27-2099	Entertainers and Performers, Sports and Related Workers, All	185	235	50	27.0%	5	2	7			
27-3000	Media and Communication Workers	12,118	14,525	2,407	19.9%	241	222	463			
27-3011	Radio and Television Announcers	793	706	-87	-11.0%	0	20	20			
27-3012	Public Address System and Other Announcers	140	160	20	14.3%	2	4	6			
27-3021	Broadcast News Analysts	62	58	-4	-6.5%	0	2	2			
27-3022	Reporters and Correspondents	618	662	44	7.1%	4	15	19			
27-3031	Public Relations Specialists	3,155	4,189	1,034	32.8%	103	45	148			
27-3041	Editors	1,685	1,992	307	18.2%	31	41	72			
27-3042	Technical Writers	668	757	89	13.3%	9	19	28			
27-3043	Writers and Authors	3,182	3,615	433	13.6%	43	55	98			
27-3091	Interpreters and Translators	1,189	1,566	377	31.7%	38	14	52			
27-3099	Media and Communication Workers, All Other	626	820	194	31.0%	19	8	27			
27-4000	Media and Communication Equipment Workers	6,058	7,247	1,189	19.6%	119	130	249			
27-4011	Audio and Video Equipment Technicians	893	1,049	156	17.5%	16	22	38			
27-4012	Broadcast Technicians	459	518	59	12.9%	6	11	17			
27-4021	Photographers	3,953	4,793	840	21.2%	84	81	165			
27-4031	Camera Operators, Television, Video, and Motion Picture	309	406	97	31.4%	10	7	17			
27-4032	Film and Video Editors	158	160	2	1.3%	0	3	3			
27-4099	Media and Communication Equipment Workers, All Other	161	185	24	14.9%	2	3	5			
29-0000	Healthcare Practitioners and Technical Occupations	105,071	147,350	42,279	40.2%	4,228	1,983	6,211			
29-1000	Health Diagnosing and Treating Practitioners	64,696	90,940	26,244	40.6%	2,624	1,282	3,906			
29-1011	Chiropractors	1,582	1,883	301	19.0%	30	30	60			
29-1021	Dentists, General	2,645	3,042	397	15.0%	40	44	84			
29-1031	Dietitians and Nutritionists	1,020	1,364	344	33.7%	34	27	61			
29-1041	Optometrists	597	749	152	25.5%	15	17	32			
29-1051	Pharmacists	4,075	6,041	1,966	48.2%	197	79	276			
29-1061	Anesthesiologists	117	150	33	28.2%	3	2	5			
29-1062	Family and General Practitioners	2,295	2,924	629	27.4%	63	31	94			
29-1063	Internists, General	1,440	1,803	363	25.2%	36	19	55			
29-1064	Obstetricians and Gynecologists	300	386	86	28.7%	9	4	13			
29-1065	Pediatricians, General	613	770	157	25.6%	16	8	24			
29-1066	Psychiatrists	301	389	88	29.2%	9	4	13			

	2004-2014 Arizona Statewide Occupational Projections										
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Average	e Annual Opei	nings			
SOC		2004	2014			Due to	Due to				
Code	SOC Title	Estimated	<b>Projected</b>	Number	Percent	Growth	Separations	Total			
29-1067	Surgeons	454	595	141	31.1%	14	6	20			
29-1069	Physicians and Surgeons, All Other	2,116	2,672	556	26.3%	56	28	84			
29-1071	Physician Assistants	1,516	2,280	764	50.4%	76	23	99			
29-1081	Podiatrists	310	356	46	14.8%	5	8	13			
29-1111	Registered Nurses	31,934	47,236	15,302	47.9%	1,530	668	2,198			
29-1122	Occupational Therapists	1,122	1,642	520	46.3%	52	15	67			
29-1123	Physical Therapists	2,615	3,712	1,097	42.0%	110	26	136			
29-1125	Recreational Therapists	271	337	66	24.4%	7	7	14			
29-1126	Respiratory Therapists	2,296	3,368	1,072	46.7%	107	76	183			
29-1127	Speech-Language Pathologists	1,433	1,912	479	33.4%	48	36	84			
29-1129	Therapists, All Other	74	93	19	25.7%	2	2	4			
29-1131	Veterinarians	1,239	1,490	251	20.3%	25	30	55			
29-1199	Health Diagnosing and Treating Practitioners, All Other	2,718	3,683	965	35.5%	97	59	156			
29-2000	Health Technologists and Technicians	38,633	54,104	15,471	40.0%	1,547	666	2,213			
29-2011	Medical and Clinical Laboratory Technologists	1,881	2,672	791	42.1%	79	51	130			
29-2012	· · · · · · · · · · · · · · · · · · ·	2,227	3,076	849	38.1%	85	60	145			
29-2021	Dental Hygienists	2,073	3,176	1,103	53.2%	110	18	128			
29-2031	Cardiovascular Technologists and Technicians	954	1,388	434	45.5%	43	18	61			
29-2032	Diagnostic Medical Sonographers	630	955	325	51.6%	33	12	45			
29-2033	Nuclear Medicine Technologists	354	494	140	39.5%	14	7	21			
29-2034	Radiologic Technologists and Technicians	3,703	5,264	1,561	42.2%	156	69	225			
29-2041	Emergency Medical Technicians and Paramedics	2,541	3,482	941	37.0%	94	29	123			
29-2051	Dietetic Technicians	828	1,119	291	35.1%	29	11	40			
29-2052	Pharmacy Technicians	5,424	8,314	2,890	53.3%	289	71	360			
29-2053	Psychiatric Technicians	1,287	1,830	543	42.2%	54	17	71			
29-2054	Respiratory Therapy Technicians	297	350	53	17.8%	5	4	9			
29-2055	Surgical Technologists	1,051	1,542	491	46.7%	49	14	63			
29-2056	Veterinary Technologists and Technicians	1,672	2,332	660	39.5%	66	22	88			
29-2061	Licensed Practical and Licensed Vocational Nurses	8,681	11,337	2,656	30.6%	266	189	455			
29-2071	Medical Records and Health Information Technicians	3,593	4,999	1,406	39.1%	141	51	192			
29-2081	Opticians, Dispensing	1,053	1,270	217	20.6%	22	19	41			
	Health Technologists and Technicians, All Other	277	374	97	35.0%	10	5	15			
29-9000	Other Healthcare Practitioners and Technical Occupations	1,742	2,306	564	32.4%	56	34	90			
29-9011	Occupational Health and Safety Specialists	450	557	107	23.8%	11	10	21			
29-9012	Occupational Health and Safety Technicians	172	207	35	20.3%	4	4	8			
29-9091	Athletic Trainers	179	253	74	41.3%	7	4	11			
29-9099	Healthcare Practitioners and Technical Workers, All Other	941	1,289	348	37.0%	35	17	52			

	2004-2014 Arizona Statewide Occupational Projections										
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Averag	e Annual Ope	nings			
SOC		2004	2014			Due to	Due to				
Code	SOC Title	Estimated	Projected	Number	Percent	Growth	Separations	Total			
31-0000	Healthcare Support Occupations	52,727	74,938	22,211	42.1%	2,221	858	3,079			
31-1000	Nursing, Psychiatric, and Home Health Aides	28,835	40,784	11,949	41.4%	1,195	378	1,573			
31-1011	Home Health Aides	8,619	12,617	3,998	46.4%	400	113	513			
31-1012	Nursing Aides, Orderlies, and Attendants	19,436	27,059	7,623	39.2%	762	255	1,017			
31-1013	Psychiatric Aides	780	1,108	328	42.1%	33	10	43			
31-2000	Occupational and Physical Therapist Assistants and Aides	2,486	3,573	1,087	43.7%	109	40	149			
31-2011	Occupational Therapist Assistants	197	272	75	38.1%	8	3	11			
31-2012	Occupational Therapist Aides	86	121	35	40.7%	4	1	5			
31-2021	Physical Therapist Assistants	954	1,408	454	47.6%	45	16	61			
31-2022	Physical Therapist Aides	1,249	1,772	523	41.9%	52	21	73			
31-9000	Other Healthcare Support Occupations	21,406	30,581	9,175	42.9%	918	440	1,358			
31-9011	Massage Therapists	2,341	2,879	538	23.0%	54	45	99			
31-9091	Dental Assistants	4,461	6,767	2,306	51.7%	231	125	356			
31-9092	Medical Assistants	7,705	11,815	4,110	53.3%	411	143	554			
31-9093	Medical Equipment Preparers	524	724	200	38.2%	20	10	30			
31-9094	Medical Transcriptionists	1,852	2,533	681	36.8%	68	34	102			
31-9095	Pharmacy Aides	391	521	130	33.2%	13	7	20			
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,468	1,825	357	24.3%	36	27	63			
31-9099	Healthcare Support Workers, All Other	2,664	3,517	853	32.0%	85	49	134			
33-0000	Protective Service Occupations	64,078	78,750	14,672	22.9%	1,467	1,847	3,314			
33-1000	First-Line Supervisors/Managers, Protective Service Workers	5,377	6,535	1,158	21.5%	116	178	294			
33-1011	First-Line Supervisors/Managers of Correctional Officers	1,002	1,177	175	17.5%	18	30	48			
33-1012	First-Line Supervisors/Managers of Police and Detectives	2,185	2,640	455	20.8%	46	72	118			
33-1021	First-Line Supervisors/Managers of Fire Fighting and										
	Prevention Workers	1,339	1,710	371	27.7%	37	55	92			
33-1099	First-Line Supervisors/Managers, Protective Service Workers,										
	All Other	851	1,008	157	18.4%	16	22	38			
33-2000	Fire Fighting and Prevention Workers	6,659	8,670	2,011	30.2%	201	193	394			
33-2011	Fire Fighters	6,486	8,503	2,017	31.1%	202	188	390			
33-2021	Fire Inspectors and Investigators	163	157	-6	-3.7%	0	5	5			
33-3000	Law Enforcement Workers	22,732	27,156	4,424	19.5%	442	545	987			
33-3011	Bailiffs	313	374	61	19.5%	6	7	13			
33-3012	Correctional Officers and Jailers	8,142	9,195	1,053	12.9%	105	169	274			
33-3021	Detectives and Criminal Investigators	1,516	1,880	364	24.0%	36	41	77			
33-3041	Parking Enforcement Workers	130	161	31	23.8%	3	2	5			
33-3051	Police and Sheriff's Patrol Officers	12,296	15,140	2,844	23.1%	284	318	602			
33-9000	Other Protective Service Workers	29,310	36,389	7,079	24.2%	708	931	1,639			

	2004-2014 Arizona St	tatewide (	Occupation	onal Pro	jection	S		
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Average	e Annual Ope	nings
SOC		2004	2014			Due to	Due to	
Code	SOC Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
33-9011	Animal Control Workers	283	338	55	19.4%	6	20	26
33-9021	Private Detectives and Investigators	690	882	192	27.8%	19	15	34
33-9031	Gaming Surveillance Officers and Gaming Investigators	1,090	1,295	205	18.8%	21	24	45
33-9032	Security Guards	20,479	25,347	4,868	23.8%	487	446	933
33-9091	Crossing Guards	1,131	1,608	477	42.2%	48	36	84
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective							
	Service Workers	2,083	2,629	546	26.2%	55	144	199
33-9099	Protective Service Workers, All Other	3,554	4,290	736	20.7%	74	246	320
35-0000	Food Preparation and Serving Related Occupations	223,868	294,922	71,054	31.7%	7,105	8,868	15,973
35-1000	Supervisors, Food Preparation and Serving Workers	17,912	23,528	5,616	31.4%	562	439	1,001
35-1011	Chefs and Head Cooks	2,291	2,896	605	26.4%	61	68	129
35-1012	First-Line Supervisors/Managers of Food Preparation and							
	Serving Workers	15,621	20,632	5,011	32.1%	501	372	873
35-2000	Cooks and Food Preparation Workers	60,792	80,357	19,565	32.2%	1,957	1,982	3,939
35-2011	Cooks, Fast Food	13,701	18,197	4,496	32.8%	450	424	874
35-2012	Cooks, Institution and Cafeteria	4,989	5,864	875	17.5%	88	154	242
35-2014	Cooks, Restaurant	16,447	21,461	5,014	30.5%	501	509	1,010
35-2015	Cooks, Short Order	2,988	3,774	786	26.3%	79	93	172
35-2021	Food Preparation Workers	22,641	31,030	8,389	37.1%	839	801	1,640
35-3000	Food and Beverage Serving Workers	110,199	146,129	35,930	32.6%	3,593	5,293	8,886
35-3011	Bartenders	8,313	10,683	2,370	28.5%	237	328	565
35-3021	Combined Food Preparation and Serving Workers, Including	44,071	60,376	16,305	37.0%	1,631	1,910	3,541
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee	10,199	13,375	3,176	31.1%	318	666	984
35-3031	Waiters and Waitresses	44,206	57,738	13,532	30.6%	1,353	2,275	3,628
35-3041	Food Servers, Nonrestaurant	3,410	3,957	547	16.0%	55	114	169
35-9000	Other Food Preparation and Serving Related Workers	34,965	44,908	9,943	28.4%	994	1,154	2,148
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	10,425	13,324	2,899	27.8%	290	349	639
35-9021	Dishwashers	13,201	17,257	4,056	30.7%	406	446	852
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	11,237	14,200	2,963	26.4%	296	357	653
35-9099	Food Preparation and Serving Related Workers, All Other	102	127	25	24.5%	3	3	6
37-0000	Building and Grounds Cleaning and Maintenance							
	Occupations	100,615	135,614	34,999	34.8%	3,500	2,005	5,505
	Supervisors, Building and Grounds Cleaning and Maintenance	9,387	12,434	3,047	32.5%	305	150	455
37-1011	First-Line Supervisors/Managers of Housekeeping and							
	Janitorial Workers	4,382	5,845	1,463	33.4%	146	104	250
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn							
	Service, and Groundskeeping Workers	5,005	6,589	1,584	31.6%	158	46	204

	2004-2014 Arizona Statewide Occupational Projections										
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Average	e Annual Ope	nings			
SOC		2004	2014			Due to	Due to				
Code	SOC Title	Estimated	Projected	Number	Percent	Growth	Separations	Total			
37-2000	Building Cleaning and Pest Control Workers	58,196	77,947	19,751	33.9%	1,975	1,136	3,111			
37-2011	Janitors and Cleaners, Except Maids and Housekeeping	35,646	48,892	13,246	37.2%	1,325	676	2,001			
37-2012	Maids and Housekeeping Cleaners	20,153	25,727	5,574	27.7%	557	423	980			
37-2021	Pest Control Workers	2,395	3,326	931	38.9%	93	36	129			
37-3000	Grounds Maintenance Workers	33,032	45,233	12,201	36.9%	1,220	719	1,939			
37-3011	1 0	32,432	44,495	12,063	37.2%	1,206	706	1,912			
37-3012		492	606	114	23.2%	11	11	22			
37-3013	Tree Trimmers and Pruners	60	67	7	11.7%	1	1	2			
39-0000	Personal Care and Service Occupations	76,549	98,007	21,458	28.0%	2,146	1,773	3,919			
39-1000	Supervisors, Personal Care and Service Workers	7,829	9,422	1,593	20.3%	159	179	338			
39-1011	Gaming Supervisors	2,137	2,703	566	26.5%	57	45	102			
39-1012	·	2,044	2,478	434	21.2%	43	43	86			
39-1021	First-Line Supervisors/Managers of Personal Service Workers	3,648	4,241	593	16.3%	59	92	151			
39-2000	Animal Care and Service Workers	2,669	3,454	785	29.4%	79	65	144			
39-2021	Nonfarm Animal Caretakers	2,419	3,137	718	29.7%	72	60	132			
39-3000	Entertainment Attendants and Related Workers	11,315	14,715	3,400	30.0%	340	391	731			
39-3012		1,023	1,350	327	32.0%	33	32	65			
39-3019		821	1,149	328	40.0%	33	25	58			
39-3021	Motion Picture Projectionists	146	104	-42	-28.8%	0	8	8			
39-3031	Ushers, Lobby Attendants, and Ticket Takers	1,751	1,809	58	3.3%	6	100	106			
39-3091	Amusement and Recreation Attendants	3,807	5,025	1,218	32.0%	122	110	232			
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	401	515	114	28.4%	11	12	23			
39-4000	Funeral Service Workers	389	493	104	26.7%	10	8	18			
39-4021	Funeral Attendants	348	443	95	27.3%	10	7	17			
39-5000	Personal Appearance Workers	12,568	14,845	2,277	18.1%	228	256	484			
39-5012		8,276	9,836	1,560	18.8%	156	159	315			
39-5093	Shampooers	302	342	40	13.2%	4	6	10			
39-5094	Skin Care Specialists	911	1,115	204	22.4%	20	18	38			
39-6000	Transportation, Tourism, and Lodging Attendants	7,577	9,462	1,885	24.9%	189	134	323			
39-6011	1	1,236	1,464	228	18.4%	23	33	56			
	Concierges	360	426	66	18.3%	7	10	17			
39-6021	Tour Guides and Escorts	757	973	216	28.5%	22	20	42			
	Travel Guides	326	457	131	40.2%	13	9	22			
	Transportation Attendants, Except Flight Attendants and	114	135	21	18.4%	2	2	4			
39-9000	Other Personal Care and Service Workers	34,202	45,616	11,414	33.4%	1,141	739	1,880			
39-9011	Child Care Workers	9,997	13,219	3,222	32.2%	322	272	594			
39-9021	Personal and Home Care Aides	12,336	17,282	4,946	40.1%	495	198	693			

	2004-2014 Arizona St	tatewide (	Occupation	onal Pro	ojection	S		
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Averag	e Annual Ope	nings
SOC		2004	2014			Due to	Due to	
Code	SOC Title	<b>Estimated</b>	Projected	Number	Percent	Growth	Separations	Total
39-9031	Fitness Trainers and Aerobics Instructors	3,500	4,691	1,191	34.0%	119	80	199
39-9032	Recreation Workers	6,557	8,150	1,593	24.3%	159	150	309
39-9041	Residential Advisors	572	789	217	37.9%	22	12	34
39-9099	Personal Care and Service Workers, All Other	1,240	1,485	245	19.8%	25	27	52
41-0000	Sales and Related Occupations	284,707	358,584	73,877	25.9%	7,388	9,050	16,438
41-1000	Supervisors, Sales Workers	40,535	48,690	8,155	20.1%	816	737	1,553
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	30,459	36,968	6,509	21.4%	651	547	1,198
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	10,076	11,722	1,646	16.3%	165	190	355
41-2000	Retail Sales Workers	151,828	197,118	45,290	29.8%	4,529	6,305	10,834
41-2011	Cashiers	63,805	77,731	13,926	21.8%	1,393	3,104	4,497
41-2012	Gaming Change Persons and Booth Cashiers	1,348	1,626	278	20.6%	28	66	94
41-2021	Counter and Rental Clerks	7,987	10,957	2,970	37.2%	297	306	603
41-2022	Parts Salespersons	3,963	4,309	346	8.7%	35	113	148
41-2031	Retail Salespersons	74,725	102,495	27,770	37.2%	2,777	2,716	5,493
41-3000	Sales Representatives, Services	23,865	28,263	4,398	18.4%	440	467	907
41-3011	Advertising Sales Agents	2,302	2,789	487	21.2%	49	45	94
41-3021	Insurance Sales Agents	9,238	10,433	1,195	12.9%	120	221	341
41-3031	Securities, Commodities, and Financial Services Sales Agents	5,334	6,582	1,248	23.4%	125	61	186
41-3041	Travel Agents	2,281	2,822	541	23.7%	54	51	105
41-3099	Sales Representatives, Services, All Other	4,710	5,637	927	19.7%	93	90	183
41-4000	Sales Representatives, Wholesale and Manufacturing	33,854	44,098	10,244	30.3%	1,024	889	1,913
41-4011	Sales Representatives, Wholesale and Manufacturing,							
	Technical and Scientific Products	10,259	12,889	2,630	25.6%	263	269	532
41-4012	Sales Representatives, Wholesale and Manufacturing, Except							
	Technical and Scientific Products	23,595	31,209	7,614	32.3%	761	620	1,381
41-9000	Other Sales and Related Workers	34,625	40,415	5,790	16.7%	579	651	1,230
41-9011	Demonstrators and Product Promoters	1,149	1,510	361	31.4%	36	26	62
41-9021	Real Estate Brokers	5,663	6,587	924	16.3%	92	112	204
41-9031	Sales Engineers	834	1,031	197	23.6%	20	25	45
41-9041	Telemarketers	13,398	14,038	640	4.8%	64	220	284
41-9099	Sales and Related Workers, All Other	5,102	6,432	1,330	26.1%	133	97	230
43-0000	Office and Administrative Support Occupations	455,903	545,282	89,379	19.6%	8,938	10,224	19,162
43-1000	Supervisors, Office and Administrative Support Workers	25,716	30,873	5,157	20.1%	516	552	1,068
43-1011	First-Line Supervisors/Managers of Office and Administrative							
	Support Workers	25,716	30,873	5,157	20.1%	516	552	1,068
43-2000	Communications Equipment Operators	5,364	5,383	19	0.4%	2	136	138
43-2011	Switchboard Operators, Including Answering Service	4,516	4,630	114	2.5%	11	116	127

	2004-2014 Arizona St	tatewide (	Occupation	onal Pro	jection	S		
	Standard Occupation Classification (SOC)*	Employ	yment	10 Year	Change	Average	e Annual Ope	nings
SOC		2004	2014			Due to	Due to	
Code	SOC Title	Estimated	<b>Projected</b>	Number	Percent	Growth	Separations	Total
43-3000	Financial Clerks	67,207	83,068	15,861	23.6%	1,586	1,602	3,188
43-3011	Bill and Account Collectors	9,833	13,954	4,121	41.9%	412	185	597
43-3021	Billing and Posting Clerks and Machine Operators	8,741	9,729	988	11.3%	99	148	247
43-3031	Bookkeeping, Accounting, and Auditing Clerks	32,195	38,237	6,042	18.8%	604	603	1,207
43-3041	Gaming Cage Workers	803	969	166	20.7%	17	39	56
43-3051	Payroll and Timekeeping Clerks	5,149	6,925	1,776	34.5%	178	136	314
43-3061	Procurement Clerks	1,112	1,217	105	9.4%	11	28	39
43-3071	Tellers	9,374	12,037	2,663	28.4%	266	462	728
43-4000	Information and Record Clerks	137,354	168,111	30,757	22.4%	3,076	2,751	5,827
43-4011	Brokerage Clerks	614	718	104	16.9%	10	8	18
43-4031	Court, Municipal, and License Clerks	2,529	3,192	663	26.2%	66	56	122
43-4051	Customer Service Representatives	58,970	79,967	20,997	35.6%	2,100	877	2,977
43-4061	Eligibility Interviewers, Government Programs	3,837	3,762	-75	-2.0%	0	102	102
43-4071	File Clerks	5,238	3,592	-1,646	-31.4%	0	155	155
43-4081	Hotel, Motel, and Resort Desk Clerks	4,004	4,777	773	19.3%	77	180	257
43-4111	Interviewers, Except Eligibility and Loan	3,731	5,247	1,516	40.6%	152	96	248
43-4121	Library Assistants, Clerical	1,010	1,253	243	24.1%	24	41	65
43-4131	Loan Interviewers and Clerks	8,090	9,132	1,042	12.9%	104	111	215
43-4141	New Accounts Clerks	986	1,215	229	23.2%	23	25	48
43-4151	Order Clerks	4,512	3,857	-655	-14.5%	0	101	101
43-4161	Human Resources Assistants, Except Payroll and	5,126	6,814	1,688	32.9%	169	110	279
43-4171	Receptionists and Information Clerks	20,468	26,887	6,419	31.4%	642	503	1,145
43-4181	Reservation and Transportation Ticket Agents and Travel	6,214	7,516	1,302	21.0%	130	162	292
43-4199	Information and Record Clerks, All Other	4,166	4,215	49	1.2%	5	65	70
43-5000	Material Recording, Scheduling, Dispatching, and Distributing							
	Workers	73,344	86,382	13,038	17.8%	1,304	2,105	3,409
43-5011	Cargo and Freight Agents	622	606	-16	-2.6%	0	14	14
43-5021	Couriers and Messengers	2,337	2,450	113	4.8%	11	54	65
43-5032	Dispatchers, Except Police, Fire, and Ambulance	3,488	4,060	572	16.4%	57	75	132
43-5051	Postal Service Clerks	1,165	1,404	239	20.5%	24	31	55
43-5052		5,311	6,401	1,090	20.5%	109	166	275
43-5053	Postal Service Mail Sorters, Processors, and Processing							
	Machine Operators	3,049	3,675	626	20.5%	63	81	144
43-5061	Production, Planning, and Expediting Clerks	4,888	5,927	1,039	21.3%	104	118	222
43-5071	Shipping, Receiving, and Traffic Clerks	19,878	26,221	6,343	31.9%	634	408	1,042
43-5081	Stock Clerks and Order Fillers	28,656	31,636	2,980	10.4%	298	1,060	1,358
43-5111	Weighers, Measurers, Checkers, and Samplers,	1,230	1,252	22	1.8%	2	31	33

	2004-2014 Arizona Statewide Occupational Projections									
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Averag	e Annual Ope	nings		
SOC		2004	2014			Due to	Due to			
Code	SOC Title	Estimated	Projected	Number	Percent	Growth	Separations	Total		
43-6000	Secretaries and Administrative Assistants	66,173	78,794	12,621	19.1%	1,262	1,267	2,529		
43-6011	Executive Secretaries and Administrative Assistants	30,866	38,446	7,580	24.6%	758	591	1,349		
43-6012	Legal Secretaries	4,035	5,291	1,256	31.1%	126	77	203		
43-6013	Medical Secretaries	4,734	5,810	1,076	22.7%	108	91	199		
43-6014	Secretaries, Except Legal, Medical, and Executive	26,538	29,247	2,709	10.2%	271	508	779		
43-9000	Other Office and Administrative Support Workers	80,745	92,671	11,926	14.8%	1,193	1,811	3,004		
43-9011	Computer Operators	3,453	2,650	-803	-23.3%	0	74	74		
43-9021	Data Entry Keyers	6,965	6,940	-25	-0.4%	0	164	164		
43-9022	Word Processors and Typists	2,498	2,325	-173	-6.9%	0	55	55		
43-9031	Desktop Publishers	416	563	147	35.3%	15	9	24		
43-9041	Insurance Claims and Policy Processing Clerks	2,956	3,398	442	15.0%	44	48	92		
43-9051	Mail Clerks and Mail Machine Operators, Except Postal	3,650	2,515	-1,135	-31.1%	0	109	109		
43-9061	Office Clerks, General	55,148	68,261	13,113	23.8%	1,311	1,221	2,532		
43-9071	Office Machine Operators, Except Computer	1,791	1,590	-201	-11.2%	0	45	45		
43-9111	Statistical Assistants	196	212	16	8.2%	2	3	5		
43-9199	Office and Administrative Support Workers, All Other	2,314	2,557	243	10.5%	24	55	79		
45-0000	Farming, Fishing, and Forestry Occupations	22,677	21,261	-1,416	-6.2%	0	629	629		
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	1,354	1,285	-69	-5.1%	0	31	31		
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and									
	Forestry Workers	900	890	-10	-1.1%	0	21	21		
45-2000	Agricultural Workers	21,090	19,709	-1,381	-6.5%	0	593	593		
45-2011	Agricultural Inspectors	244	266	22	9.0%	2	6	8		
45-2041	Graders and Sorters, Agricultural Products	657	678	21	3.2%	2	17	19		
45-2091	Agricultural Equipment Operators	1,830	1,657	-173	-9.5%	0	52	52		
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	17,451	16,222	-1,229	-7.0%	0	495	495		
45-2093	Farmworkers, Farm and Ranch Animals	621	616	-5	-0.8%	0	18	18		
45-4000	Forest, Conservation, and Logging Workers	219	254	35	16.0%	4	4	8		
45-4022	Logging Equipment Operators	118	146	28	23.7%	3	2	5		
47-0000	Construction and Extraction Occupations	209,613	300,343	90,730	43.3%	9,073	4,064	13,137		
	Supervisors, Construction and Extraction Workers	13,396	19,110	5,714	42.7%	571	228	799		
	First-Line Supervisors/Managers of Construction Trades and	13,396	19,110	5,714	42.7%	571	228	799		
47-2000	Construction Trades Workers	176,214	253,390	77,176	43.8%	7,718	3,195	10,913		
47-2021	Brickmasons and Blockmasons	5,137	7,344	2,207	43.0%	221	76	297		
		1,409	2,122	713	50.6%	71	21	92		
47-2031	Carpenters	43,083	63,363	20,280	47.1%	2,028	701	2,729		
47-2041	Carpet Installers	2,381	3,076	695	29.2%	70	37	107		
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	1,213	1,612	399	32.9%	40	19	59		

	2004-2014 Arizona Statewide Occupational Projections										
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SOC		2004	2014			Due to	Due to				
Code	SOC Title	<b>Estimated</b>	Projected	Number	Percent	Growth	Separations	Total			
47-2044	Tile and Marble Setters	2,568	4,141	1,573	61.3%	157	40	197			
47-2051	Cement Masons and Concrete Finishers	8,874	13,253	4,379	49.3%	438	179	617			
47-2061	Construction Laborers	28,025	37,463	9,438	33.7%	944	373	1,317			
47-2071	Paving, Surfacing, and Tamping Equipment Operators	1,888	2,753	865	45.8%	87	27	114			
47-2073	Operating Engineers and Other Construction Equipment	9,787	13,829	4,042	41.3%	404	252	656			
47-2081	Drywall and Ceiling Tile Installers	9,557	13,874	4,317	45.2%	432	207	639			
47-2082	Tapers	5,488	7,847	2,359	43.0%	236	119	355			
47-2121	Glaziers	1,434	2,047	613	42.7%	61	30	91			
47-2131	Insulation Workers, Floor, Ceiling, and Wall	455	625	170	37.4%	17	14	31			
47-2141	Painters, Construction and Maintenance	13,309	19,811	6,502	48.9%	650	203	853			
47-2142	Paperhangers	403	533	130	32.3%	13	5	18			
47-2151	Pipelayers	1,913	2,730	817	42.7%	82	44	126			
47-2152	Plumbers, Pipefitters, and Steamfitters	9,076	13,375	4,299	47.4%	430	209	639			
47-2161	Plasterers and Stucco Masons	4,320	6,272	1,952	45.2%	195	79	274			
47-2171	Reinforcing Iron and Rebar Workers	779	1,179	400	51.3%	40	15	55			
47-2181	Roofers	5,430	8,135	2,705	49.8%	271	126	397			
47-2211	Sheet Metal Workers	4,420	6,385	1,965	44.5%	197	106	303			
47-2221	Structural Iron and Steel Workers	1,992	2,916	924	46.4%	92	39	131			
	Helpers, Construction Trades	10,950	15,682	4,732	43.2%	473	455	928			
47-3011	HelpersBrickmasons, Blockmasons, Stonemasons, and Tile										
	and Marble Setters	1,589	2,371	782	49.2%	78	66	144			
	HelpersCarpenters	3,264	4,887	1,623	49.7%	162	136	298			
47-3013	HelpersElectricians	2,217	2,970	753	34.0%	75	92	167			
47-3014	HelpersPainters, Paperhangers, Plasterers, and Stucco	802	1,204	402	50.1%	40	33	73			
47-3015	HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	1,652	2,418	766	46.4%	77	69	146			
47-3016	HelpersRoofers	472	701	229	48.5%	23	20	43			
47-3019	Helpers, Construction Trades, All Other	954	1,131	177	18.6%	18	40	58			
47-4000	Other Construction and Related Workers	7,466	10,024	2,558	34.3%	256	146	402			
47-4011	Construction and Building Inspectors	1,908	2,531	623	32.7%	62	43	105			
47-4021	Elevator Installers and Repairers	440	645	205	46.6%	21	11	32			
		791	1,107	316	39.9%	32	12	44			
47-4041	Hazardous Materials Removal Workers	641	928	287	44.8%	29	17	46			
47-4051	Highway Maintenance Workers	1,528	2,034	506	33.1%	51	22	73			
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	544	729	185	34.0%	19	15	34			
47-4099	Construction and Related Workers, All Other	1,384	1,802	418	30.2%	42	22	64			
47-5000	Extraction Workers	1,587	2,137	550	34.7%	55	40	95			
47-5021	Earth Drillers, Except Oil and Gas	663	916	253	38.2%	25	14	39			

	2004-2014 Arizona St	tatewide (	Occupation	onal Pro	jection	S		
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Average	e Annual Ope	nings
SOC		2004	2014			Due to	Due to	
Code	SOC Title	<b>Estimated</b>	Projected	Number	Percent	Growth	Separations	Total
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	70	89	19	27.1%	2	3	5
47-5041	Continuous Mining Machine Operators	173	220	47	27.2%	5	5	10
47-5081	HelpersExtraction Workers	382	519	137	35.9%	14	11	25
49-0000	Installation, Maintenance, and Repair Occupations	104,235	133,662	29,427	28.2%	2,943	2,371	5,314
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	7,264	9,298	2,034	28.0%	203	182	385
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and							
	Repairers	7,264	9,298	2,034	28.0%	203	182	385
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and	40.000			00.40/		0.40	
	Repairers	13,083	15,746	2,663	20.4%	266	246	512
49-2011	Computer, Automated Teller, and Office Machine Repairers	2,900	3,324	424	14.6%	42	35	77
49-2021	Radio Mechanics	101	105	4	4.0%	0	2	2
49-2022	Telecommunications Equipment Installers and Repairers,	3,443	3,851	408	11.9%	41	71	112
49-2091	Avionics Technicians	625	747	122	19.5%	12	15	27
49-2092	Electric Motor, Power Tool, and Related Repairers	241	284	43	17.8%	4	6	10
49-2093	Electrical and Electronics Installers and Repairers,					_	_	_
	Transportation Equipment	133	154	21	15.8%	2	3	5
49-2094	Electrical and Electronics Repairers, Commercial and							
	Industrial Equipment	1,205	1,562	357	29.6%	36	27	63
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation,					_	_	
	and Relay	134	159	25	18.7%	3	3	6
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	180	230	50	27.8%	5	4	9
49-2097	Electronic Home Entertainment Equipment Installers and	2,057	2,347	290	14.1%	29	40	69
49-2098	Security and Fire Alarm Systems Installers	2,064	2,983	919	44.5%	92	39	131
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	34,762	43,705	8,943	25.7%	894	908	1,802
49-3011	Aircraft Mechanics and Service Technicians	2,783	3,323	540	19.4%	54	66	120
49-3021	Automotive Body and Related Repairers	3,924	4,516	592	15.1%	59	80	139
49-3022	Automotive Glass Installers and Repairers	357	422	65	18.2%	7	7	14
49-3023	Automotive Service Technicians and Mechanics	16,565	21,255	4,690	28.3%	469	441	910
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4,013	5,188	1,175	29.3%	118	103	221
49-3041	Farm Equipment Mechanics	782	941	159	20.3%	16	17	33
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,732	3,572	840	30.7%	84	59	143
49-3043	Rail Car Repairers	96	107	11	11.5%	1	2	3
49-3051	Motorboat Mechanics	268	348	80	29.9%	8	7	15
	Motorcycle Mechanics	312	402	90	28.8%	9	8	17
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	272	351	79	29.0%	8	7	15
49-3091	Bicycle Repairers	147	188	41	27.9%	4	6	10
49-3093	Tire Repairers and Changers	2,331	2,856	525	22.5%	53	99	152

	2004-2014 Arizona Statewide Occupational Projections									
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Average	e Annual Ope	nings		
SOC		2004	2014			Due to	Due to			
Code	SOC Title	<b>Estimated</b>	<b>Projected</b>	Number	Percent	Growth	Separations	Total		
49-9000	Other Installation, Maintenance, and Repair Occupations	49,126	64,913	15,787	32.1%	1,579	1,034	2,613		
49-9012	Control and Valve Installers and Repairers, Except Mechanical	894	1,084	190	21.3%	19	22	41		
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and	7,224	10,895	3,671	50.8%	367	96	463		
49-9031	Home Appliance Repairers	911	1,065	154	16.9%	15	22	37		
49-9041	Industrial Machinery Mechanics	2,060	2,443	383	18.6%	38	42	80		
49-9042	Maintenance and Repair Workers, General	23,643	31,067	7,424	31.4%	742	454	1,196		
49-9043	Maintenance Workers, Machinery	1,240	1,385	145	11.7%	15	28	43		
49-9044	Millwrights	316	417	101	32.0%	10	8	18		
49-9051	Electrical Power-Line Installers and Repairers	753	916	163	21.6%	16	24	40		
49-9052	Telecommunications Line Installers and Repairers	1,933	2,692	759	39.3%	76	53	129		
49-9062	Medical Equipment Repairers	255	344	89	34.9%	9	7	16		
49-9063	Musical Instrument Repairers and Tuners	165	192	27	16.4%	3	5	8		
49-9091	Coin, Vending, and Amusement Machine Servicers and	618	689	71	11.5%	7	15	22		
49-9094	Locksmiths and Safe Repairers	391	505	114	29.2%	11	13	24		
49-9095	Manufactured Building and Mobile Home Installers	169	196	27	16.0%	3	4	7		
49-9098	HelpersInstallation, Maintenance, and Repair Workers	4,063	5,409	1,346	33.1%	135	138	273		
49-9099	Installation, Maintenance, and Repair Workers, All Other	3,780	4,748	968	25.6%	97	86	183		
51-0000	Production Occupations	129,067	150,452	21,385	16.6%	2,139	3,130	5,269		
51-1000	Supervisors, Production Workers	8,572	10,302	1,730	20.2%	173	180	353		
51-1011	First-Line Supervisors/Managers of Production and Operating									
	Workers	8,572	10,302	1,730	20.2%	173	180	353		
51-2000	Assemblers and Fabricators	27,452	32,279	4,827	17.6%	483	696	1,179		
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems	667	744	77	11.5%	8	18	26		
51-2021	Coil Winders, Tapers, and Finishers	597	541	-56	-9.4%	0	14	14		
51-2022	Electrical and Electronic Equipment Assemblers	4,190	4,526	336	8.0%	34	99	133		
51-2023	Electromechanical Equipment Assemblers	513	502	-11	-2.1%	0	12	12		
51-2041	Structural Metal Fabricators and Fitters	1,363	1,784	421	30.9%	42	32	74		
51-2091	Fiberglass Laminators and Fabricators	516	657	141	27.3%	14	13	27		
51-2092	Team Assemblers	17,348	20,898	3,550	20.5%	355	449	804		
51-2099	Assemblers and Fabricators, All Other	1,856	2,189	333	17.9%	33	48	81		
	Food Processing Workers	10,277	12,838	2,561	24.9%	256	237	493		
51-3011		3,628	4,759	1,131	31.2%	113	84	197		
51-3021	Butchers and Meat Cutters	2,268	2,802	534	23.5%	53	50	103		
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine									
	Operators and Tenders	134	155	21	15.7%	2	4	6		
	Food Batchmakers	2,155	2,662	507	23.5%	51	53	104		
51-3093	Food Cooking Machine Operators and Tenders	528	642	114	21.6%	11	12	23		

	2004-2014 Arizona Statewide Occupational Projections									
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SOC		2004	2014			Due to	Due to			
Code	SOC Title	<b>Estimated</b>	Projected	Number	Percent	Growth	Separations	Total		
51-4000	Metal Workers and Plastic Workers	19,587	22,022	2,435	12.4%	244	478	722		
51-4011	Computer-Controlled Machine Tool Operators, Metal and	927	1,063	136	14.7%	14	15	29		
51-4012	Numerical Tool and Process Control Programmers	115	129	14	12.2%	1	2	3		
51-4021	Extruding and Drawing Machine Setters, Operators, and	667	601	-66	-9.9%	0	22	22		
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and	474	494	20	4.2%	2	7	9		
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and	376	425	49	13.0%	5	9	14		
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and									
	Tenders, Metal and Plastic	2,424	2,416	-8	-0.3%	0	56	56		
51-4032	Drilling and Boring Machine Tool Setters, Operators, and									
	Tenders, Metal and Plastic	360	370	10	2.8%	1	11	12		
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool									
	Setters, Operators, and Tenders, Metal and Plastic	648	673	25	3.9%	3	12	15		
51-4035	Milling and Planing Machine Setters, Operators, and Tenders,									
	Metal and Plastic	371	418	47	12.7%	5	6	11		
51-4041	Machinists	4,048	4,675	627	15.5%	63	94	157		
51-4051	Metal-Refining Furnace Operators and Tenders	230	277	47	20.4%	5	5	10		
51-4052	Pourers and Casters, Metal	70	81	11	15.7%	1	2	3		
51-4071	Foundry Mold and Coremakers	260	300	40	15.4%	4	7	11		
51-4072	Molding, Coremaking, and Casting Machine Setters,									
	Operators, and Tenders, Metal and Plastic	990	1,039	49	4.9%	5	25	30		
51-4111	Tool and Die Makers	583	654	71	12.2%	7	13	20		
51-4121	Welders, Cutters, Solderers, and Brazers	4,503	5,627	1,124	25.0%	112	127	239		
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators,									
	and Tenders	456	530	74	16.2%	7	13	20		
51-4191	Heat Treating Equipment Setters, Operators, and Tenders,									
	Metal and Plastic	128	142	14	10.9%	1	4	5		
51-4193	Plating and Coating Machine Setters, Operators, and Tenders,	314	349	35	11.1%	4	7	11		
51-4194	Tool Grinders, Filers, and Sharpeners	310	340	30	9.7%	3	10	13		
51-4199	Metal Workers and Plastic Workers, All Other	187	217	30	16.0%	3	4	7		
51-5000	Printing Workers	4,662	5,213	551	11.8%	55	112	167		
51-5011	Bindery Workers	868	856	-12	-1.4%	0	23	23		
51-5021	Job Printers	1,070	1,298	228	21.3%	23	25	48		
51-5022	Prepress Technicians and Workers	1,308	1,323	15	1.1%	2	31	33		
51-5023	Printing Machine Operators	1,410	1,729	319	22.6%	32	33	65		
51-6000	Textile, Apparel, and Furnishings Workers	10,512	12,504	1,992	18.9%	199	232	431		
51-6011	Laundry and Dry-Cleaning Workers	4,469	5,518	1,049	23.5%	105	122	227		
51-6021	Pressers, Textile, Garment, and Related Materials	1,641	2,042	401	24.4%	40	26	66		

	2004-2014 Arizona St	tatewide (	Occupation	onal Pro	jection	S		
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Averag	e Annual Ope	nings
SOC		2004	2014			Due to	Due to	
Code	SOC Title	<b>Estimated</b>	Projected	Number	Percent	Growth	Separations	Total
51-6031	Sewing Machine Operators	1,576	1,856	280	17.8%	28	20	48
51-6041	Shoe and Leather Workers and Repairers	246	280	34	13.8%	3	8	11
51-6052	Tailors, Dressmakers, and Custom Sewers	536	653	117	21.8%	12	9	21
51-6092	Fabric and Apparel Patternmakers	95	100	5	5.3%	1	4	5
51-6093	Upholsterers	569	588	19	3.3%	2	14	16
51-7000	Woodworkers	5,561	5,713	152	2.7%	15	141	156
51-7011	Cabinetmakers and Bench Carpenters	2,677	2,991	314	11.7%	31	67	98
51-7021	Furniture Finishers	643	610	-33	-5.1%	0	13	13
	Patternmakers, Wood	52	59	7	13.5%	1	2	3
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	647	628	-19	-2.9%	0	18	18
51-7042	Woodworking Machine Setters, Operators, and Tenders,							
	Except Sawing	1,312	1,230	-82	-6.3%	0	35	35
51-7099	Woodworkers, All Other	222	186	-36	-16.2%	0	6	6
51-8000	Plant and System Operators	2,660	3,223	563	21.2%	56	77	133
51-8012	Power Distributors and Dispatchers	57	64	7	12.3%	1	2	3
51-8013	· · · · · · · · · · · · · · · · · · ·	337	396	59	17.5%	6	9	15
51-8021	Stationary Engineers and Boiler Operators	535	645	110	20.6%	11	10	21
51-8031	Water and Liquid Waste Treatment Plant and System	1,111	1,363	252	22.7%	25	38	63
51-8091	Chemical Plant and System Operators	131	161	30	22.9%	3	4	7
51-8093	Petroleum Pump System Operators, Refinery Operators, and							
	Gaugers	156	197	41	26.3%	4	5	9
51-8099	Plant and System Operators, All Other	134	160	26	19.4%	3	4	7
51-9000	Other Production Occupations	39,784	46,358	6,574	16.5%	657	976	1,633
51-9011	Chemical Equipment Operators and Tenders	94	113	19	20.2%	2	3	5
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine							
	Setters, Operators, and Tenders	486	590	104	21.4%	10	16	26
51-9022	Grinding and Polishing Workers, Hand	1,009	1,056	47	4.7%	5	26	31
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,290	1,522	232	18.0%	23	34	57
51-9031	Cutters and Trimmers, Hand	170	224	54	31.8%	5	4	9
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	493	595	102	20.7%	10	10	20
51-9041	Extruding, Forming, Pressing, and Compacting Machine							
	Setters, Operators, and Tenders	727	833	106	14.6%	11	19	30
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	203	237	34	16.7%	3	5	8
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7,189	8,374	1,185	16.5%	119	164	283
51-9071	Jewelers and Precious Stone and Metal Workers	541	706	165	30.5%	17	11	28
51-9081	Dental Laboratory Technicians	582	654	72	12.4%	7	13	20
51-9082	Medical Appliance Technicians	80	98	18	22.5%	2	2	4

	2004-2014 Arizona S	tatewide (	Occupation	onal Pro	jection	S		
	Standard Occupation Classification (SOC)*	Employ	yment	10 Year	Change	Average	e Annual Oper	nings
SOC		2004	2014			Due to	Due to	
Code	SOC Title	Estimated	<b>Projected</b>	Number	Percent	Growth	Separations	Total
51-9111	Packaging and Filling Machine Operators and Tenders	3,402	3,998	596	17.5%	60	68	128
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,328	1,486	158	11.9%	16	35	51
51-0122	Painters, Transportation Equipment	817	1,024	207	25.3%	21	21	42
51-9123		505	610	105	20.8%	11	13	24
51-9132	Photographic Processing Machine Operators	779	614	-165	-21.2%	0	19	19
51-9191	Cementing and Gluing Machine Operators and Tenders	248	274	26	10.5%	3	7	10
51-9192								
	and Tenders	104	113	9	8.7%	1	3	4
51-9193	Cooling and Freezing Equipment Operators and Tenders	114	117	3	2.6%	0	3	3
51-9194	· · · · · · · · · · · · · · · · · · ·	53	63	10	18.9%	1	2	3
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	1,255	1,387	132	10.5%	13	30	43
51-9196	Paper Goods Machine Setters, Operators, and Tenders	812	918	106	13.1%	11	17	28
51-9198	· · · · · · · · · · · · · · · · · · ·	10,151	12,907	2,756	27.2%	276	285	561
51-9199	taran da antara da a	1,532	1,604	72	4.7%	7	37	44
	Transportation and Material Moving Occupations	156,379	194,073	37,694	24.1%	3,769	3,596	7,365
53-1000	1 7 1	5,997	7,455	1,458	24.3%	146	141	287
	Aircraft Cargo Handling Supervisors	226	286	60	26.5%	6	5	11
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and	0.740	0.057	500	40.50/	E4	0.5	440
EQ 4004	Material Movers, Hand	2,749	3,257	508	18.5%	51	65	116
53-1031	First-Line Supervisors/Managers of Transportation and	3,022	3,912	890	29.5%	89	71	160
53-2000	Material-Moving Machine and Vehicle Operators Air Transportation Workers	4,573	5,837	1,264	29.5 %	126	122	248
53-2000	Commercial Pilots	940	1,220	280	29.8%	28	25	53
53-2012	Air Traffic Controllers	348	424	76	21.8%	8	9	17
53-2022		78	93	15	19.2%	2	2	4
53-3000	·	61,840	79,833	17,993	29.1%	1,799	915	2,714
53-3011		01,010	, ,,,,,,,,	11,000		1,100		_,
	Medical Technicians	306	395	89	29.1%	9	3	12
53-3021	Bus Drivers, Transit and Intercity	3,496	4,472	976	27.9%	98	76	174
53-3022	Bus Drivers, School	5,843	8,197	2,354	40.3%	235	127	362
53-3031	Driver/Sales Workers	6,220	8,100	1,880	30.2%	188	102	290
53-3032		25,030	31,359	6,329	25.3%	633	409	1,042
53-3033	Truck Drivers, Light or Delivery Services	17,431	22,829	5,398	31.0%	540	160	700
53-3041	Taxi Drivers and Chauffeurs	2,395	3,046	651	27.2%	65	22	87
53-3099	Motor Vehicle Operators, All Other	1,119	1,435	316	28.2%	32	16	48
53-6000	Other Transportation Workers	6,645	7,488	843	12.7%	84	222	306

	2004-2014 Arizona Statewide Occupational Projections										
	Standard Occupation Classification (SOC)*	Employ	ment	10 Year	Change	Average Annual Openings					
soc		2004	2014			Due to	Due to				
Code	SOC Title	Estimated	<b>Projected</b>	Number	Percent	Growth	Separations	Total			
53-6021	Parking Lot Attendants	2,904	2,764	-140	-4.8%	0	86	86			
53-6031	Service Station Attendants	1,700	2,046	346	20.4%	35	76	111			
53-6041	Traffic Technicians	195	249	54	27.7%	5	6	11			
53-6051	Transportation Inspectors	374	431	57	15.2%	6	9	15			
53-6099	Transportation Workers, All Other	1,471	1,997	526	35.8%	53	44	97			
53-7000	Material Moving Workers	75,665	91,440	15,775	20.8%	1,578	2,155	3,733			
53-7011	Conveyor Operators and Tenders	567	677	110	19.4%	11	16	27			
53-7021	Crane and Tower Operators	275	378	103	37.5%	10	6	16			
53-7032	Excavating and Loading Machine and Dragline Operators	1,707	2,401	694	40.7%	69	47	116			
53-7051	Industrial Truck and Tractor Operators	6,411	7,789	1,378	21.5%	138	121	259			
53-7061	Cleaners of Vehicles and Equipment	7,020	8,070	1,050	15.0%	105	244	349			
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	41,441	50,530	9,089	21.9%	909	1,354	2,263			
53-7063	Machine Feeders and Offbearers	731	687	-44	-6.0%	0	20	20			
53-7064	Packers and Packagers, Hand	14,989	18,051	3,062	20.4%	306	280	586			
53-7071	Gas Compressor and Gas Pumping Station Operators	81	83	2	2.5%	0	2	2			
53-7081	Refuse and Recyclable Material Collectors	1,813	2,124	311	17.2%	31	47	78			
53-7199	Material Moving Workers, All Other	283	290	7	2.5%	1	8	9			

\*For more information on the Standard Occupational Classification (SOC) system, go to:

www.bls.gov/soc/socguide.htm

For Occupational Dictionary, see:

http://www.workforce.az.gov/admin/uploadedPublications/1194\_OccDictByCode.pdf

Some occupations suppressed due to confidentiality or base employment of 50 or less, or due to insufficient data.

Occupations that are projected to increase by less than 10 opening over the 10 year period will have an annual average growth less than 1. For example, the annual average for an occupation projected to have 5 openings over the ten year period will have an annual average of 0.5. Since "fractional" openings are not calculated in these projections, this means the occupation is projected to have an average of one opening every two years.

Occupations in decline or with no growth will show annual openings due to growth as 0.

Total annual openings are the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

Headings in **bold** font are the major occupational groups of the Standard Occupational Classification (SOC) system. Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.

	2004-2014 Arizona Statewide Occupational Projections								
	Standard Occupation Classification (SOC)*	Emplo	yment	10 Year	Change	Averag	e Annual Ope	enings	
SOC		2004	2014			Due to	Due to		
								Total	

Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

Totals may not add exactly due to rounding or suppression of data.

See Notes worksheet for additional information on methodology.

For more information on occupational projections, visit: <a href="http://stats.bls.gov/emp/optd/home.htm">http://stats.bls.gov/emp/optd/home.htm</a>

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics, December 2006.

## Methodology

Before using the data in this report, readers should understand this methodology and note its limitations. The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand. Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply. It is therefore recommended that these data be used with other sources of occupational information.

The total occupational employment of the forecast will be greater than the total nonfarm employment estimated by the Current Employment Statistics (CES) program and Occupational Employment Survey (OES) program for the following reasons. First, self employed, unpaid family workers, and agriculture workers are included in the projections, but not in CES and OES. Next, some industries are not included in the OES data because of low survey response rate and a base employment level that is too small to make any statistically significant estimates.

Employment projections provided in this publication were developed in cooperation with and using techniques based on those developed by the U.S Department of Labor's Bureau of Labor Statistics. This methodology is comprised of five basic steps:

- 1) Industry employment data is compiled from CES and unemployment insurance tax records.
- 2) A fraction of the industry employment is assumed to be self employed or unpaid family workers. The fraction is determined from national surveys and is added to the state's industry employment data.
- 3) Staffing patterns from state and national data are used to divide each industry's total employment into the different occupations for that industry.
- 4) Each industry's total employment is calculated during the forecast period according to the industry projections for the same time period that were produced by DES Research Administration.
- 5) Total employment in any occupation is not only calculated by changes in the total industry employment, but also by changes in share of that occupation's employment in each industry. The change in the share of total industry employment of any occupation is known as the occupational change factor. When the occupational change factor is determined for each occupation in every industry, the occupational forecasts are finished.

To avoid the possible disclosure of confidential employer information, employment data have been suppressed if: less than three firms reported a single occupation; one firm reported more than 50 percent of the occupational estimate; or two firms combined reported more than 75 percent of the occupational estimate. In certain cases, releases may have been obtained from large employers to waive the confidentiality criteria.